

FIG.1A

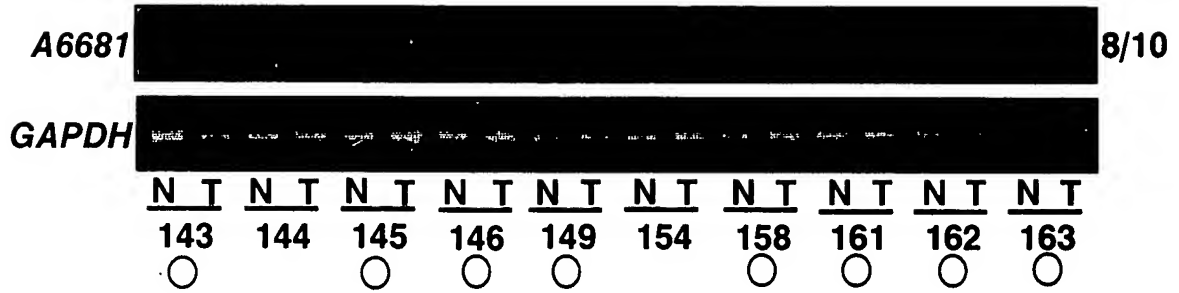


FIG.1B

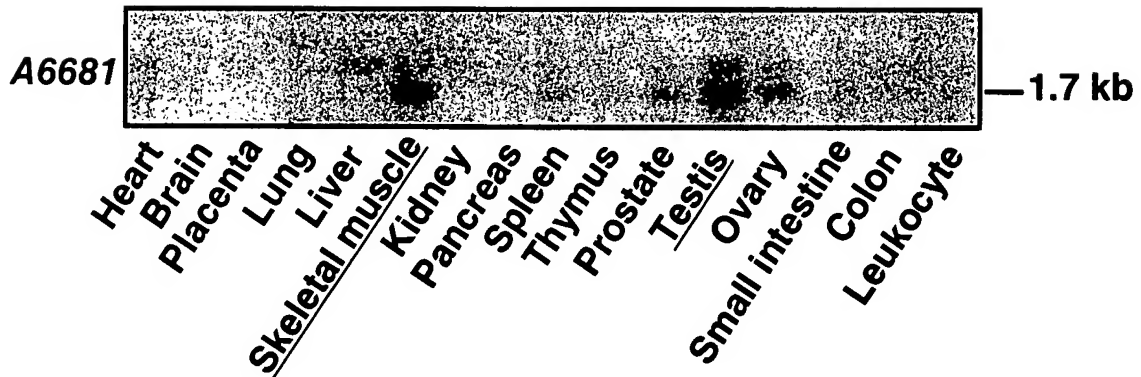


FIG.1C

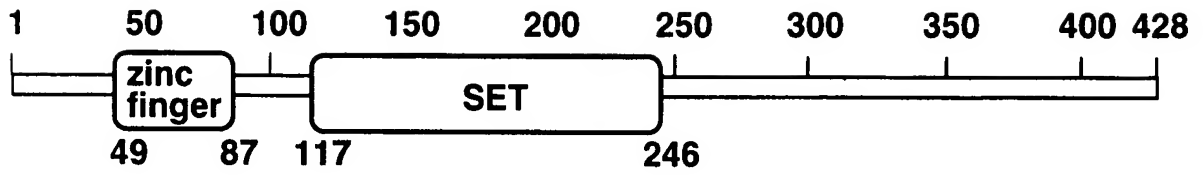


FIG.2A

		A	
ZNFN3A1 : 1	MEPLKVEKFATANRGNGLRVTPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM	60	
	ME LKVEKF TANRGNGLRV PLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM		
AK010447: 1	MEALKVEKFTTANRGNGLRVAPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM	60	
ZNFN3A1 : 61	RCSQCRVAKYCSAKCOKKAWPDHCKRECKCLKSCKPRYPPDSVRLLGRVVKLMDGAPSES	120	
	RCSQCR+AKYCSAKCOKKAWPDH+REC CLKSCKPRYPPDSVRLLGRV+ KLMD PSES		B
AK010447: 61	RCSQCRIAKYCSAKCOKKAWPDHRECCLKSCKPRYPPDSVRLLGRVIVKLMDEKPPSES	120	
ZNFN3A1 : 121	EKLYSFYDLESNINKLTEDKKEGLROLVMTFQHFMRREEIQDASQLPPAFDLFEAFKVIC	180	
	EKLYSFYDLESNI+KLTEDKKEGLROLVMTFQHFMRREEIQDASQLPP+FDLFEAFKVIC		
AK010447: 121	EKLYSFYDLESNISKLTEDKKEGLROLAMTFQHFMRREEIQDASQLPPSFDLFEAFKVIC	180	
ZNFN3A1 : 181	NSFTICNAEMQEVGVGLYPSISLLNHSCDPNCISVFNGPHLLRAVRDIEVGEELTICYL	240	
	NSFTICNAEMQEVGVGLYPS+SLLNHSCDPNCISVFNGPHLLRAVR+IE GEELTICYL		
AK010447: 181	NSFTICNAEMQEVGVGLYPSMSLLNHSCDPNCISVFNGPHLLRAVREIEAGEELTICYL	240	
ZNFN3A1 : 241	DMLMTSEERRKQLRDQYCFE CDCFRCTQDKDADMLTGDEQVWKEVQESLKKIEELKAHW	300	
	DMLMTSEERRKQLRDQYCFE CDC RCQTQDKDADMLTGDEQ+WKEVQESLKKIEELKAHW		
AK010447: 241	DMLMTSEERRKQLRDQYCFE CDCIRCQTQDKDADMLTGDEQIWKEVQESLKKIEELKAHW	300	
ZNFN3A1 : 301	KWEQVLAMCQAISSNSERLPDINIYQLKVLD CAMDACINLG LLEEALFYGTRTMEPYRI	360	
	KWEQVLA+CQAI+SNS RLPDINIYQLKVLD CAMDACINLG+LEEALFY RTMEPYRI		
AK010447: 301	KWEQVLALCQAIINSNSNRLPDINIYQLKVLD CAMDACINLGM LLEEALFYAMRTMEPYRI	360	
ZNFN3A1 : 361	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEE	420	
	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIM+VTHGREHSLIEDLILLLEE		
AK010447: 361	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIMKVTHGREHSLIEDLILLLEE	420	
ZNFN3A1 : 421	CDANIRAS	428	
	CDANIRAS		
AK010447: 421	CDANIRAS	428	

FIG.2B

FIG.3A

FIG.3B

FIG.3C

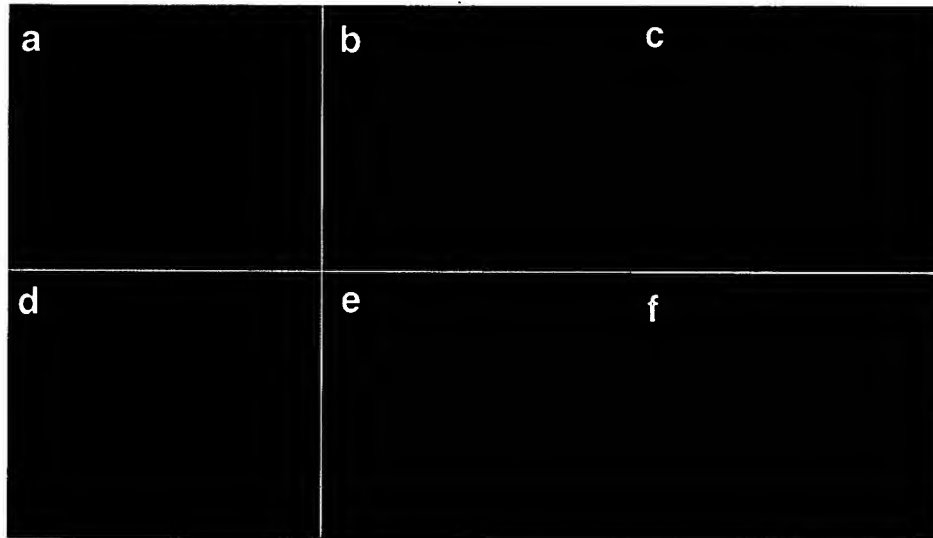


FIG.3D

FIG.3E

FIG.3F

FIG.3G

FIG.3H

FIG.3I

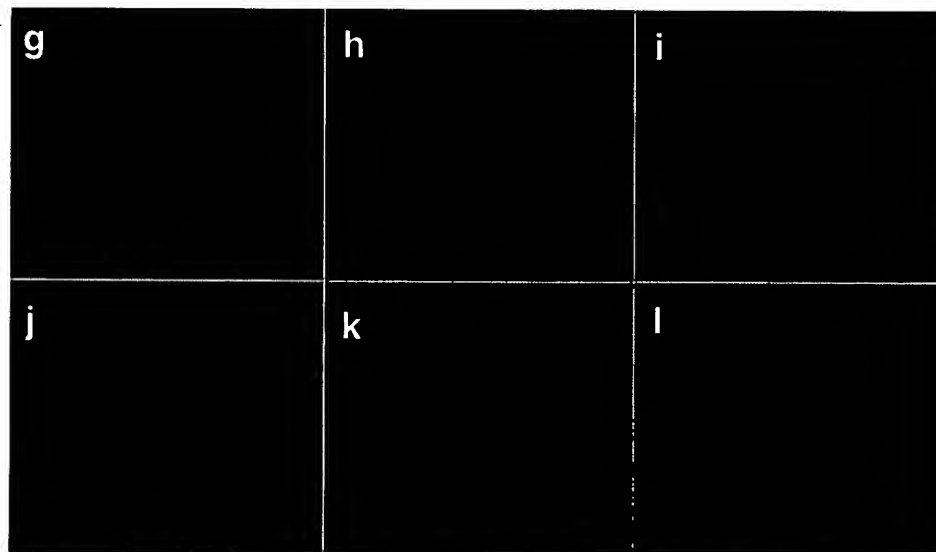


FIG.3J

FIG.3K

FIG.3L

FIG.3M

FIG.3N

FIG.3O

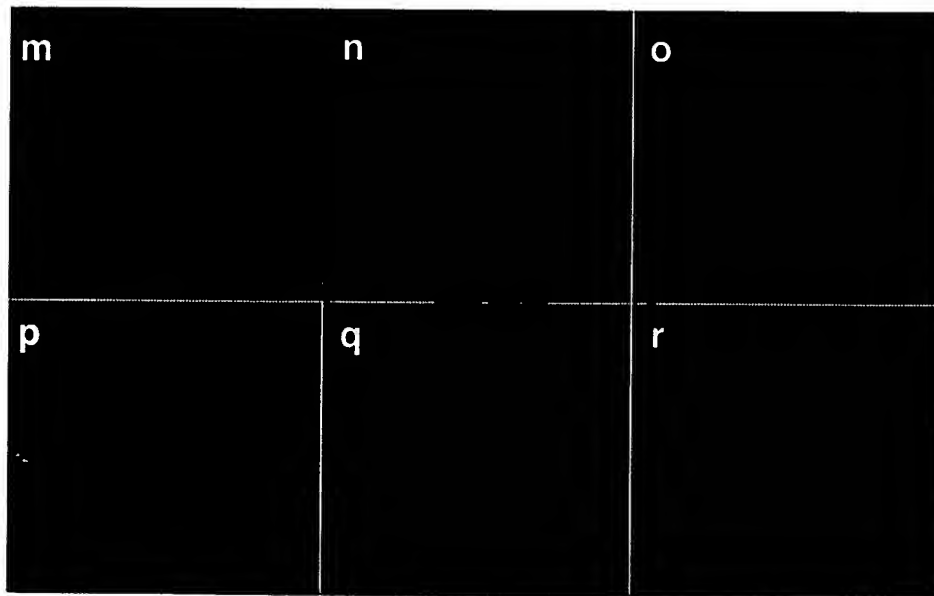


FIG.3P

FIG.3Q

FIG.3R

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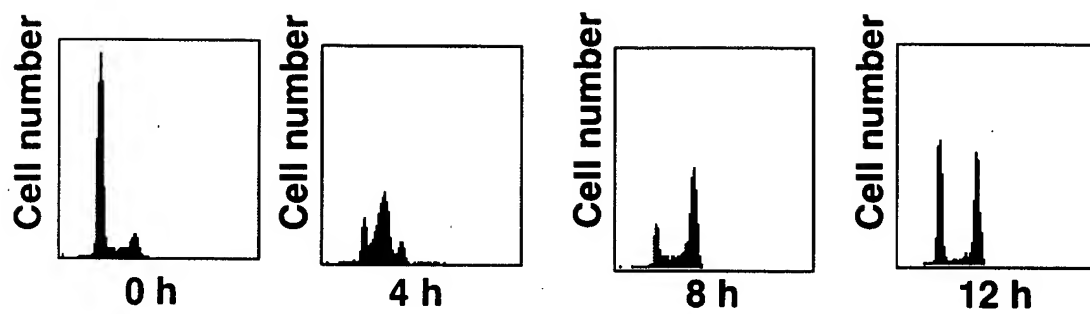


FIG.4A

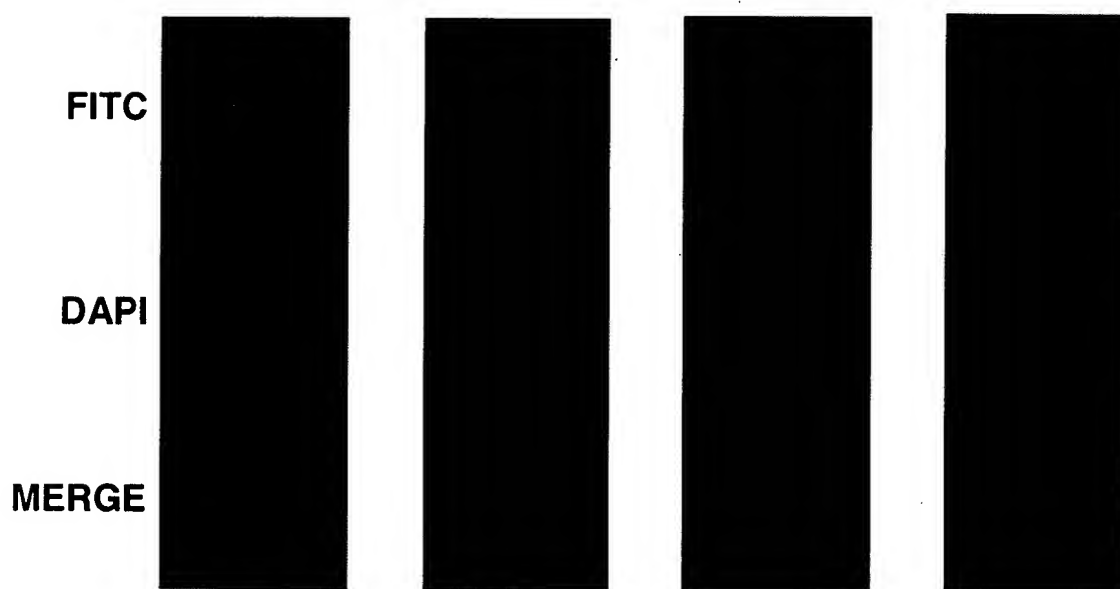


FIG.4B

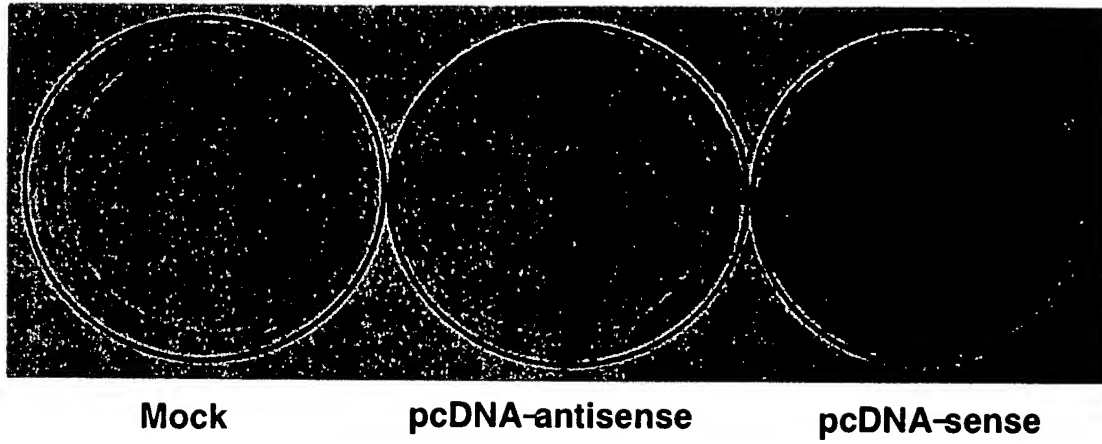


FIG.5A

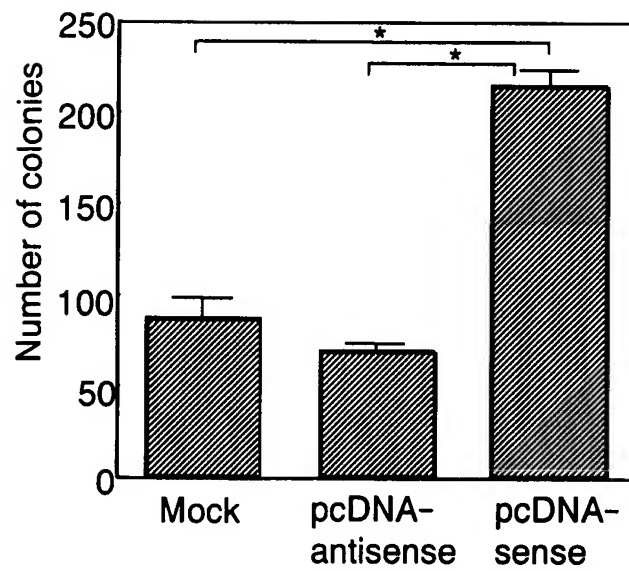


FIG.5B

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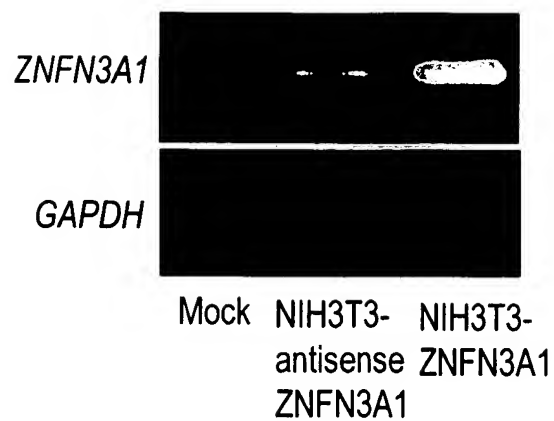


FIG.5C

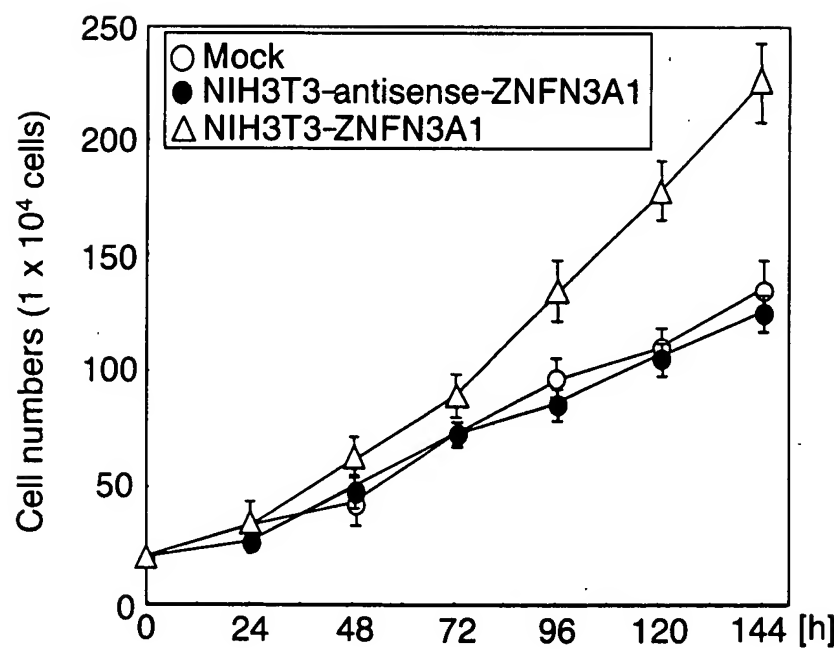


FIG.5D

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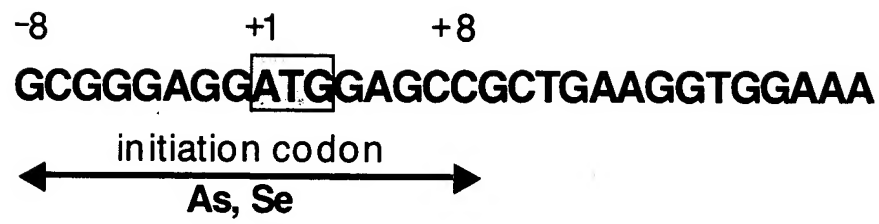


FIG.6A

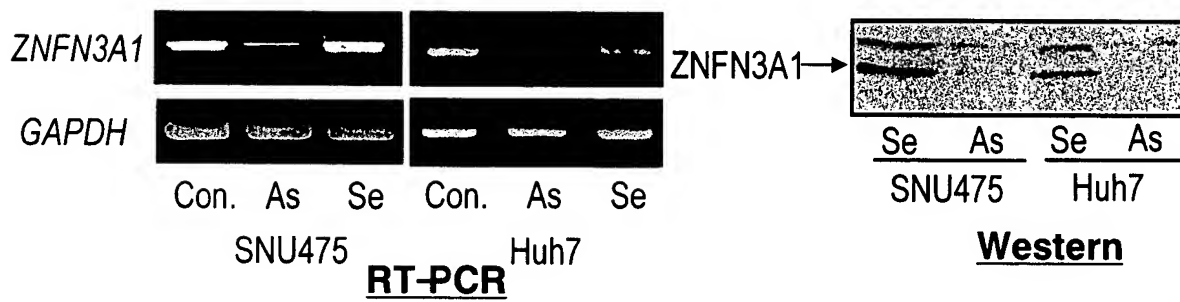


FIG.6B

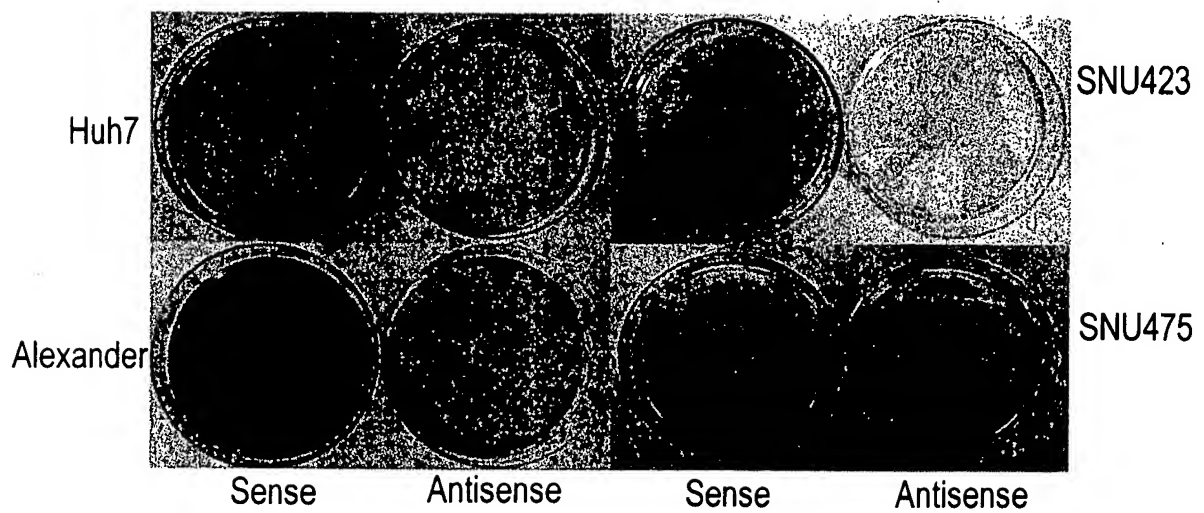
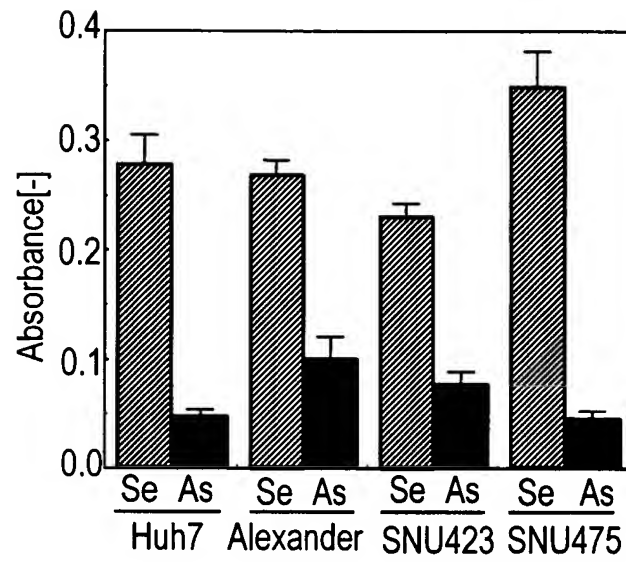
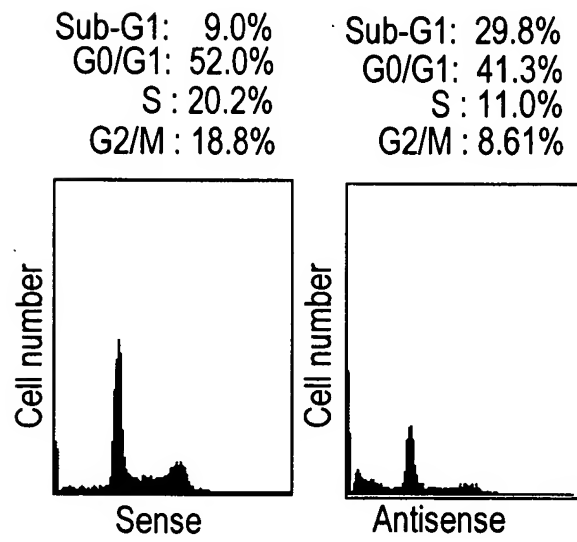


FIG.6C

**FIG.6D****FIG.6E**

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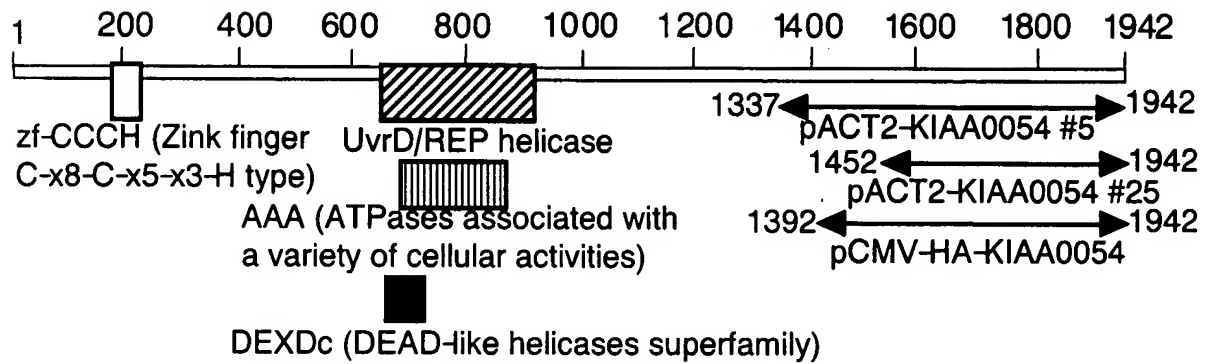


FIG. 7A

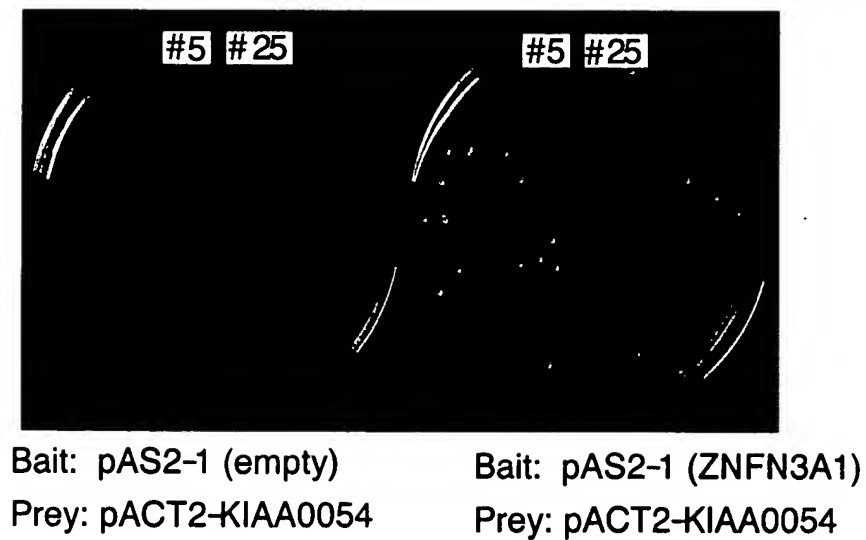
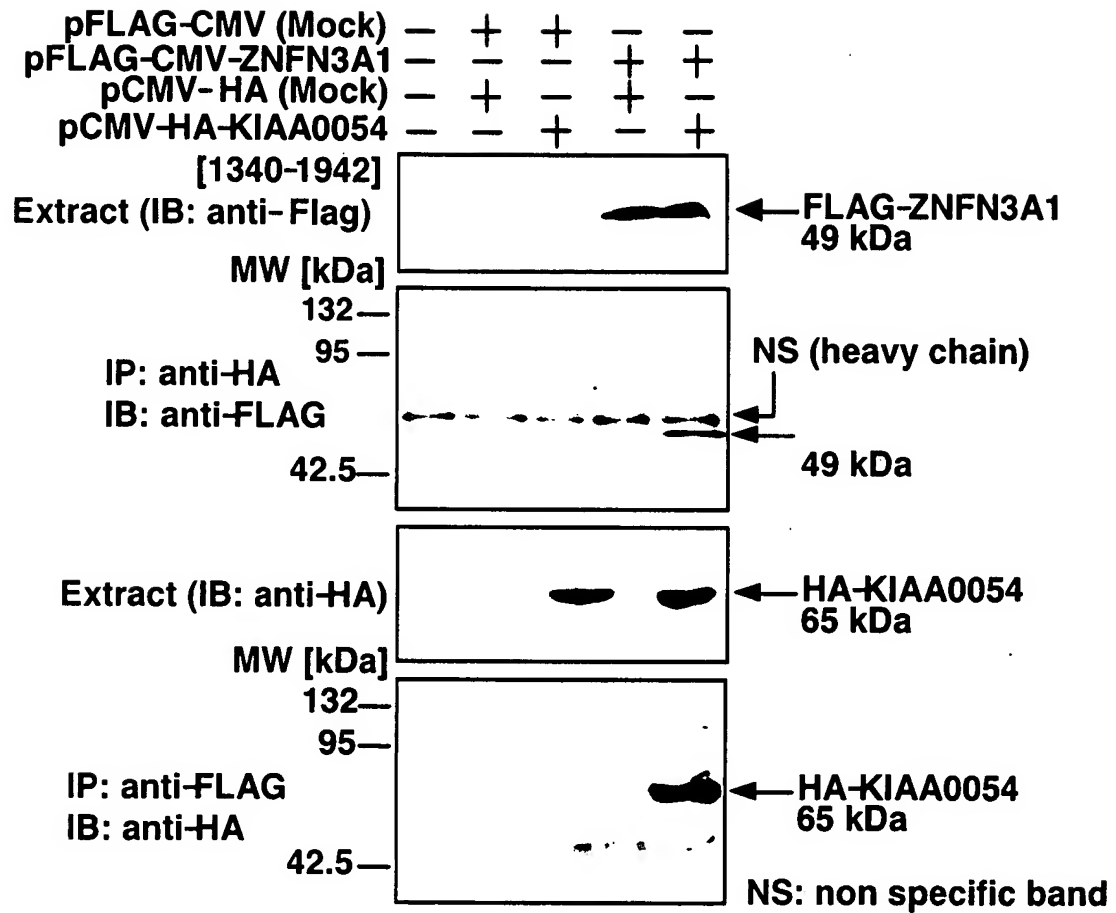


FIG. 7B

**FIG. 7C**

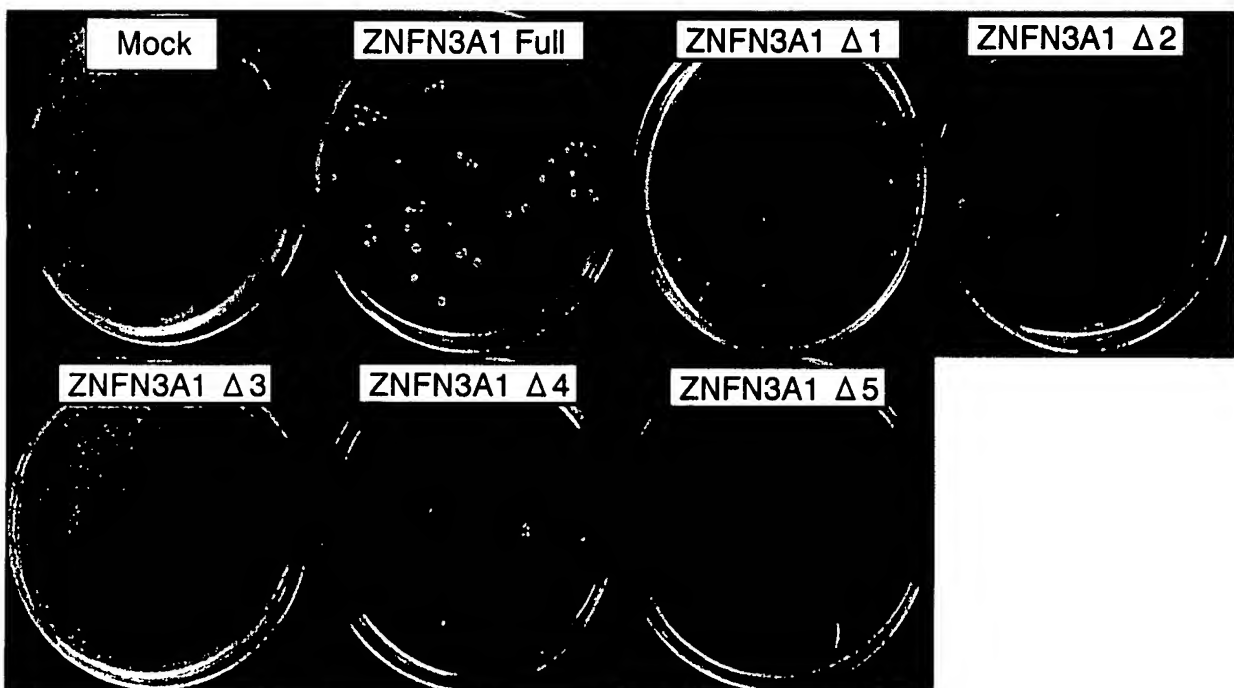


FIG. 8

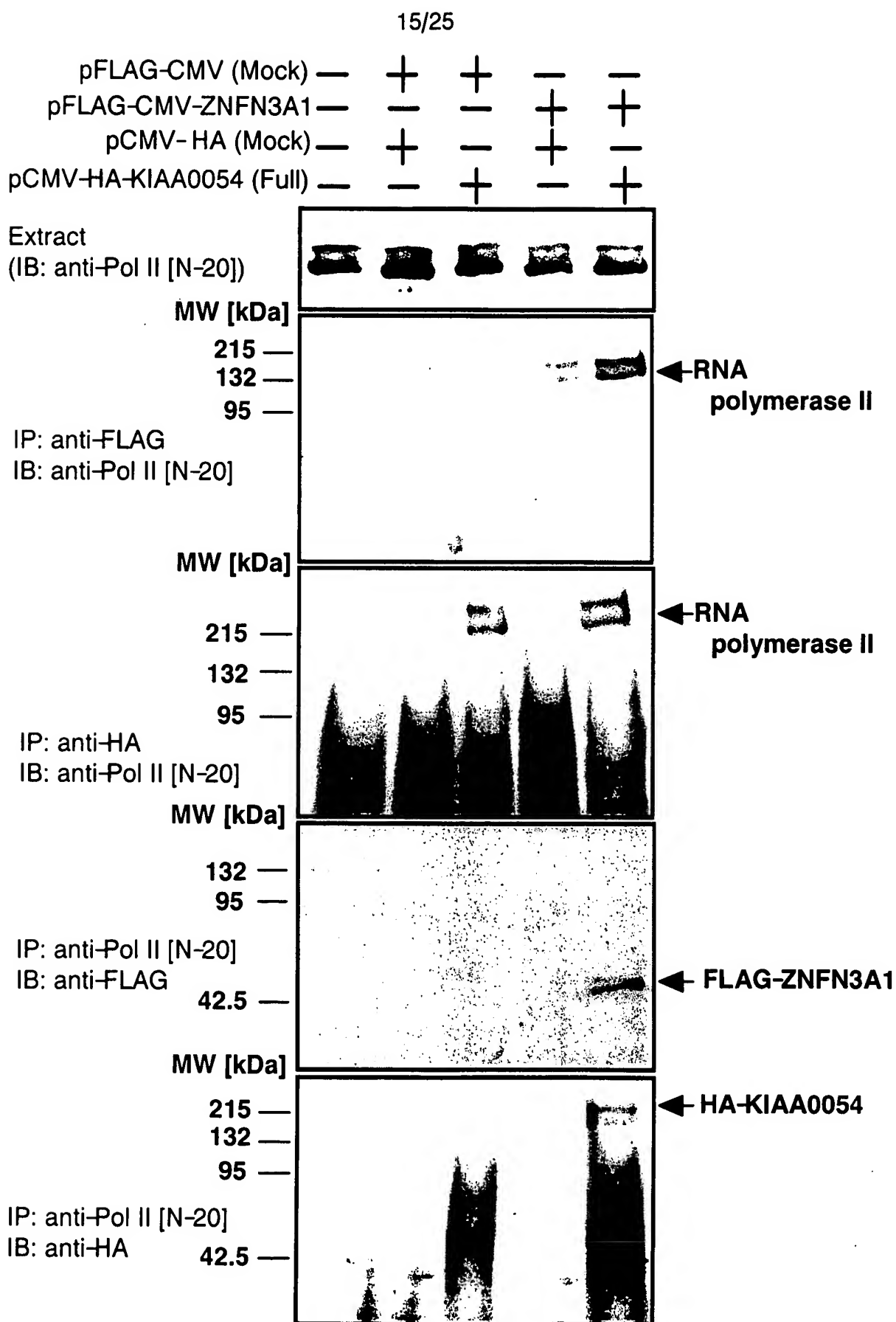


FIG. 9

	Experimental probability	Theoretical probability	<u>Experimental</u> <u>Theoretical</u>
<u>CCCTC</u>	(37.0%)	0.015 (1.5%)	24.6
<u>CCCTCC</u>	(34.8%)	0.0034 (0.34%)	102.3
<u>CCCCCTCC</u>	(20.7%)	0.00079 (0.079%)	262
<u>CCCTCCT</u>	(20.0%)	0.00079 (0.079%)	253

↓

(C) <u>CCCTCC</u> (T)	(10.6%)	0.00018 (0.018%)	589
(A) <u>GGAGGG</u> (G)	(10.6%)	0.00018 (0.018%)	589

FIG. 10A

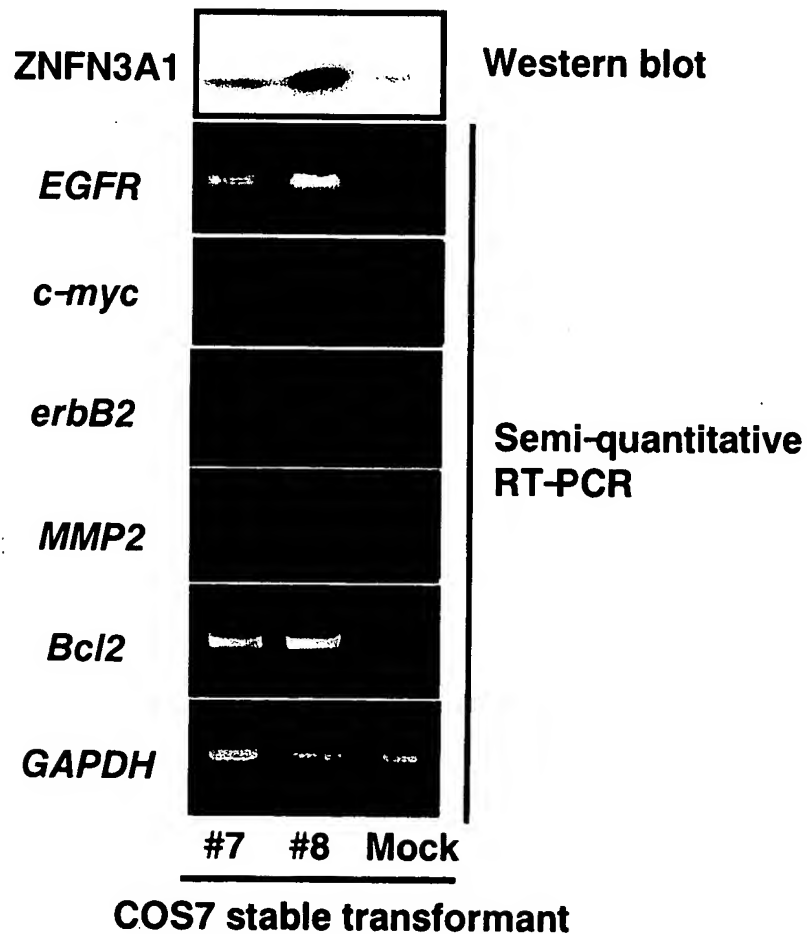


FIG. 10B

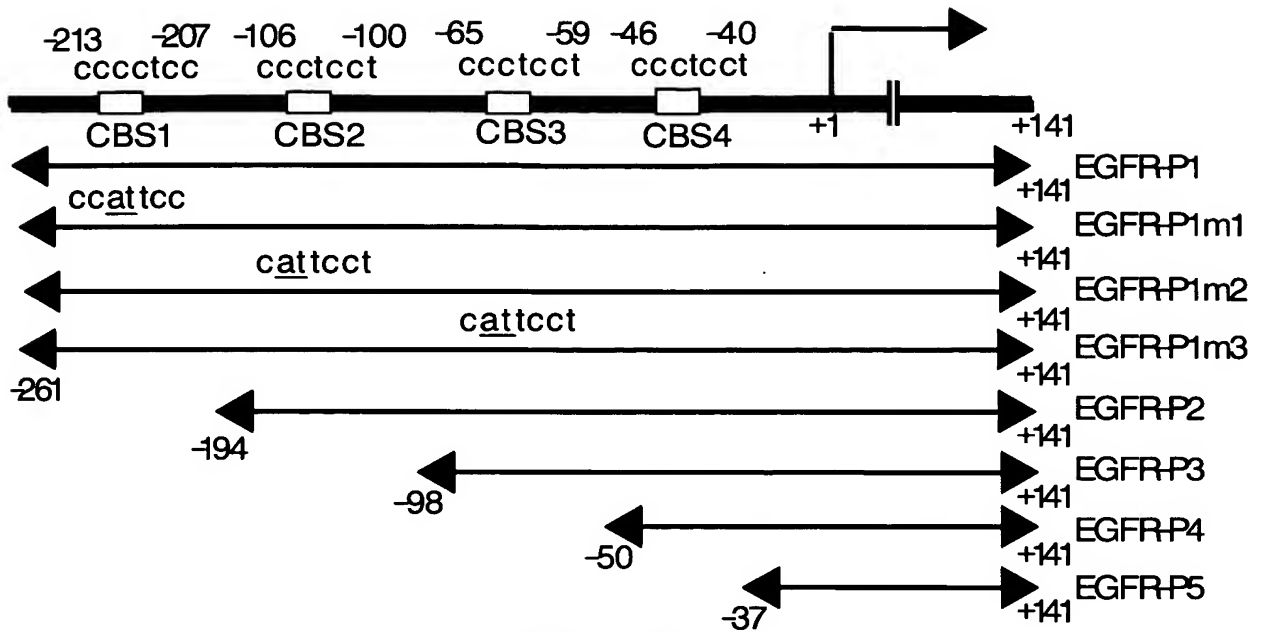


FIG. 11A

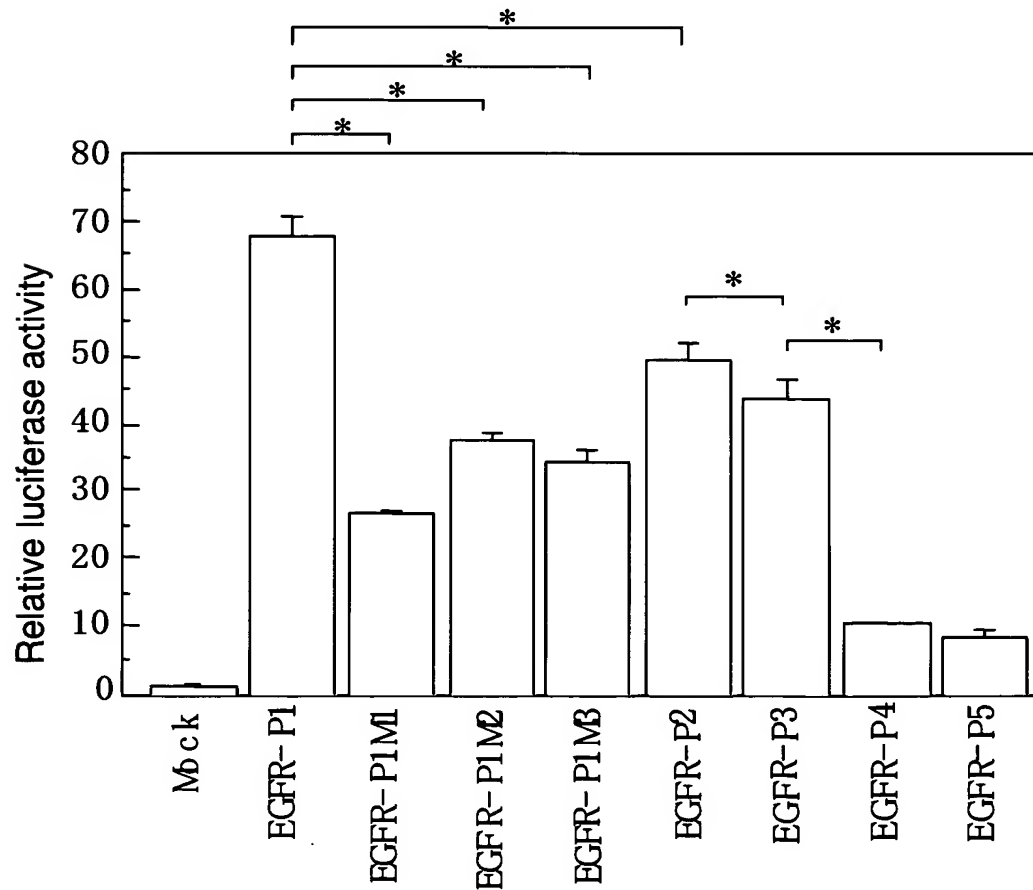


FIG. 11B

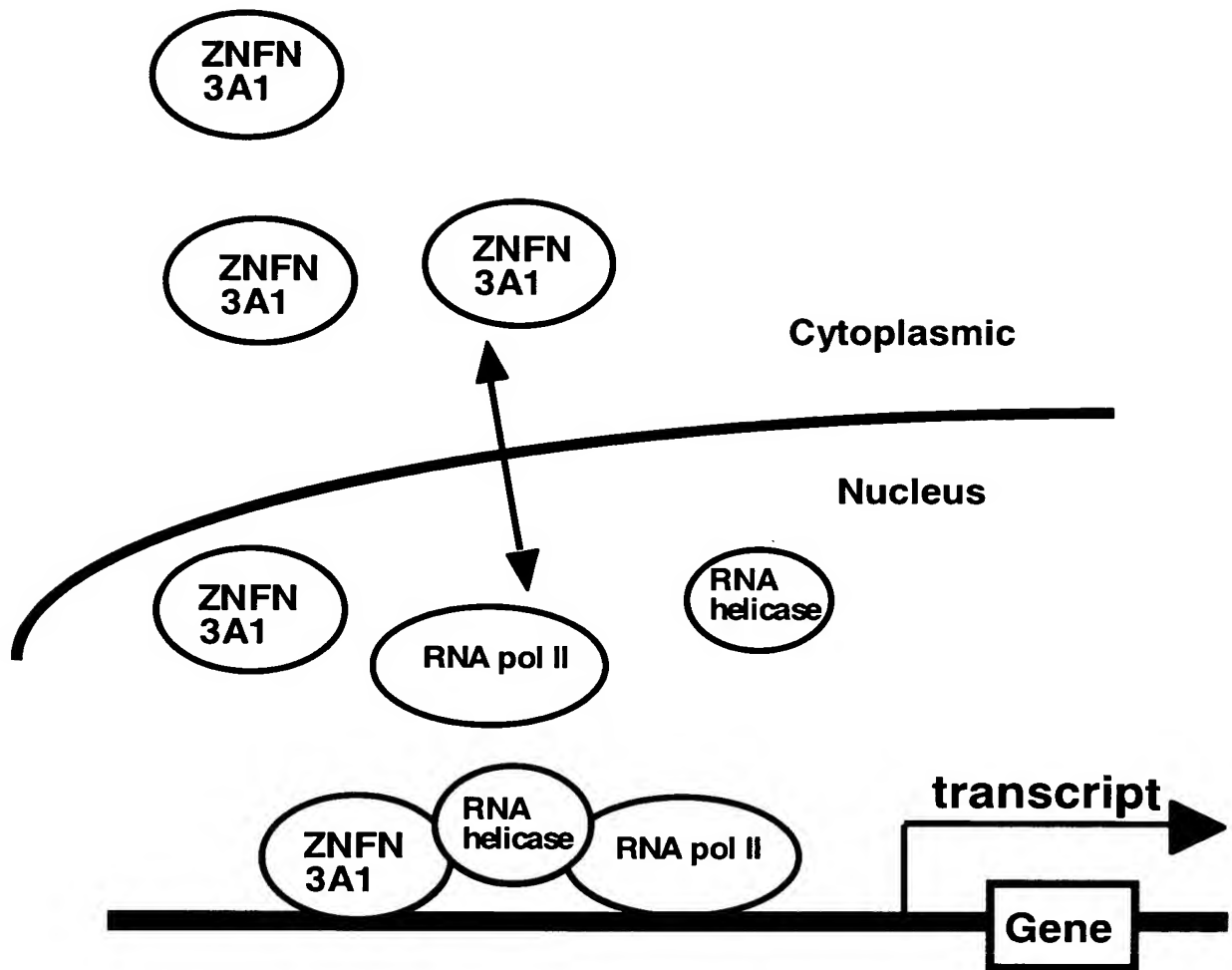


FIG. 12

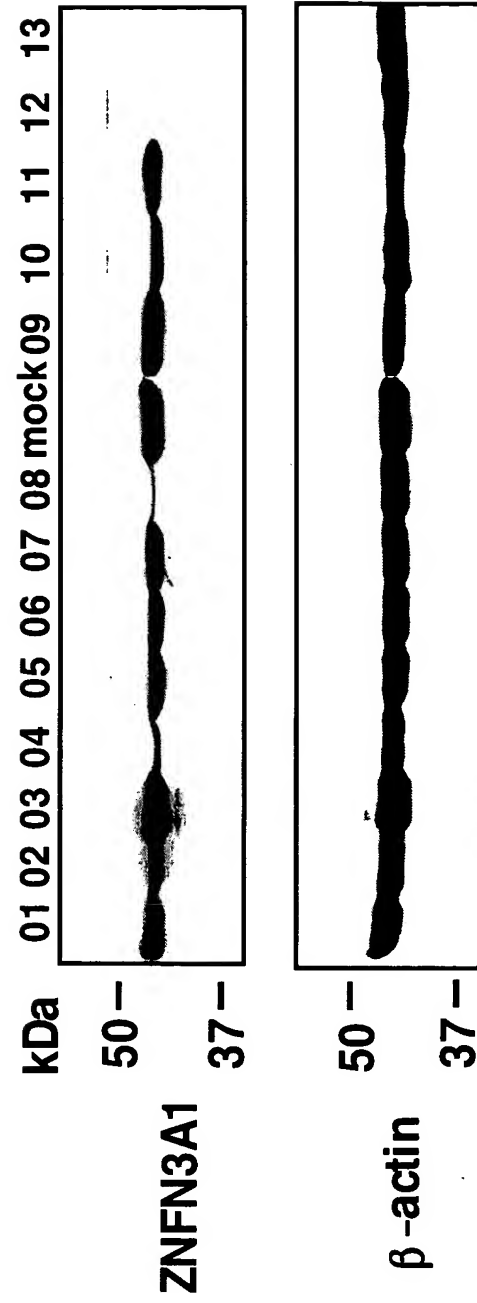


FIG. 13

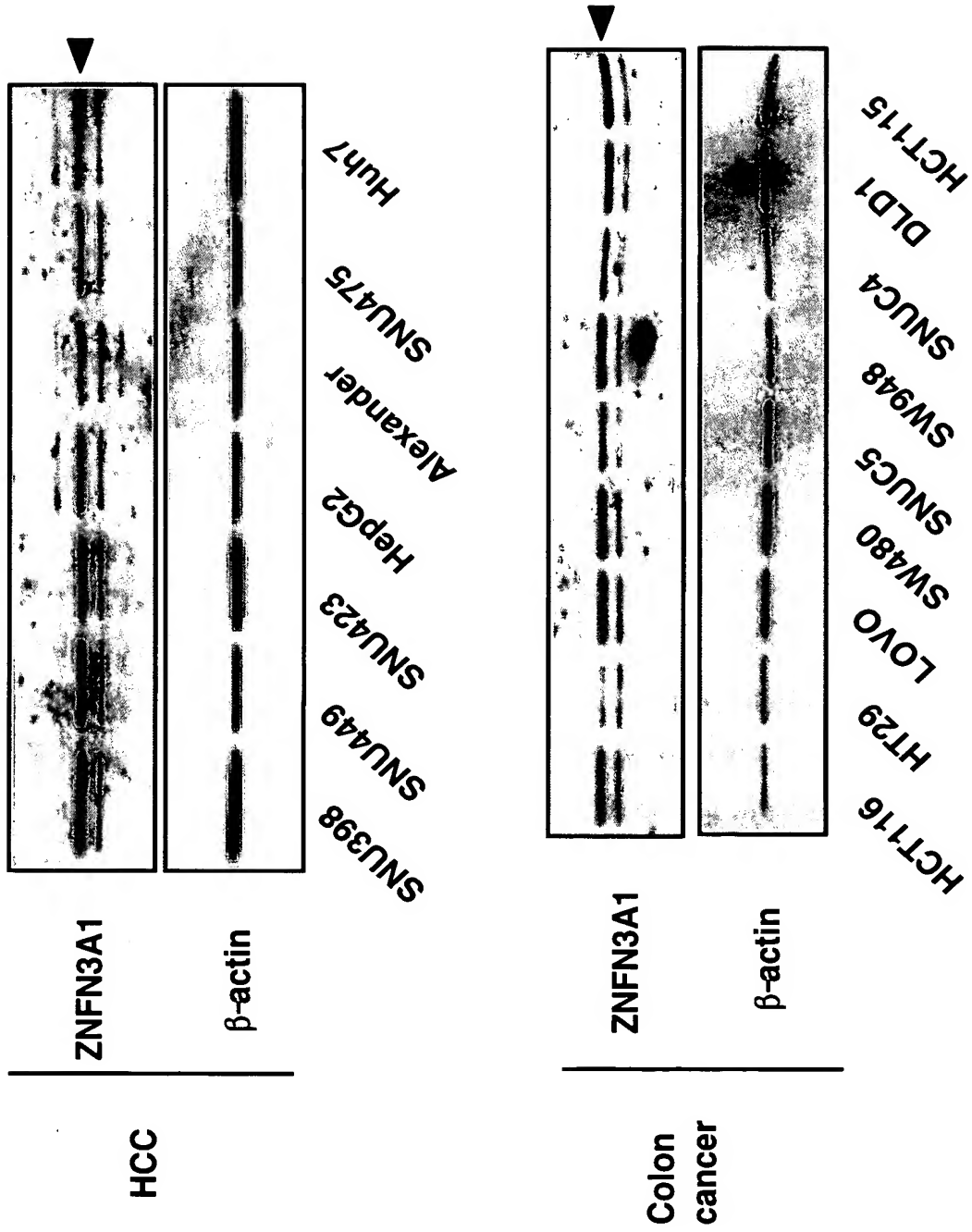


FIG. 14

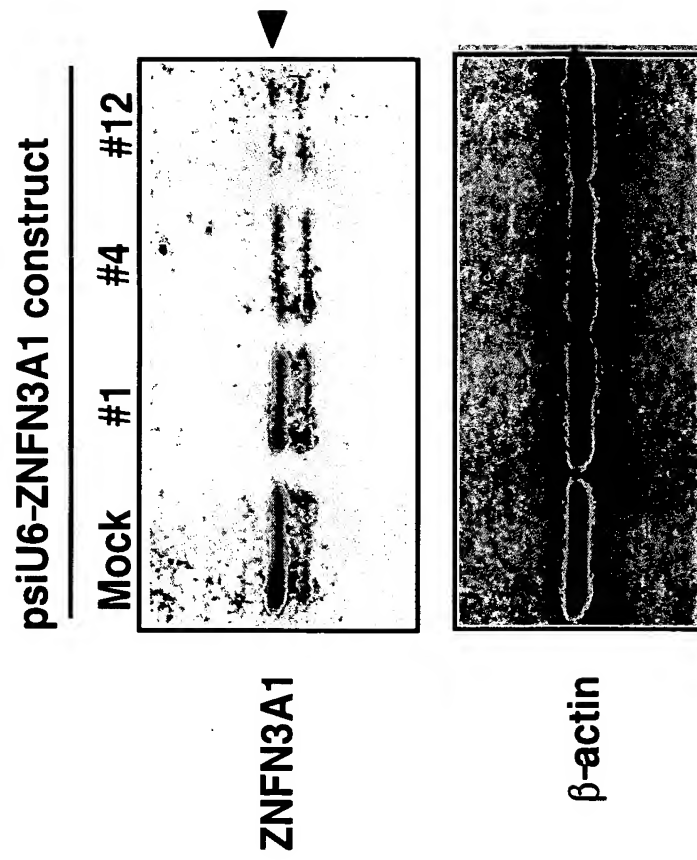


FIG. 15

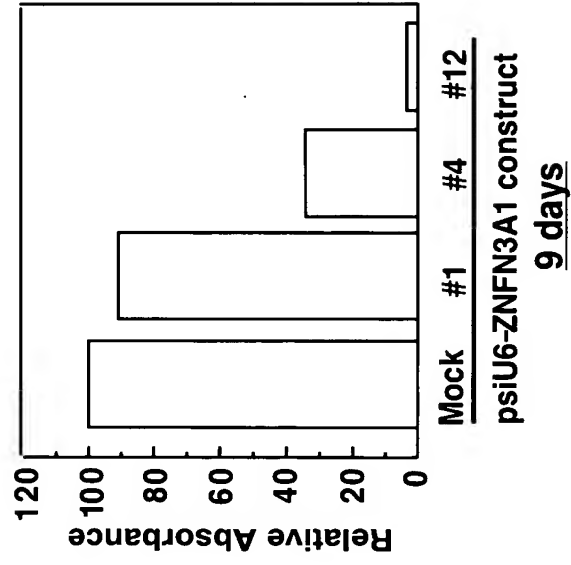


FIG. 16B

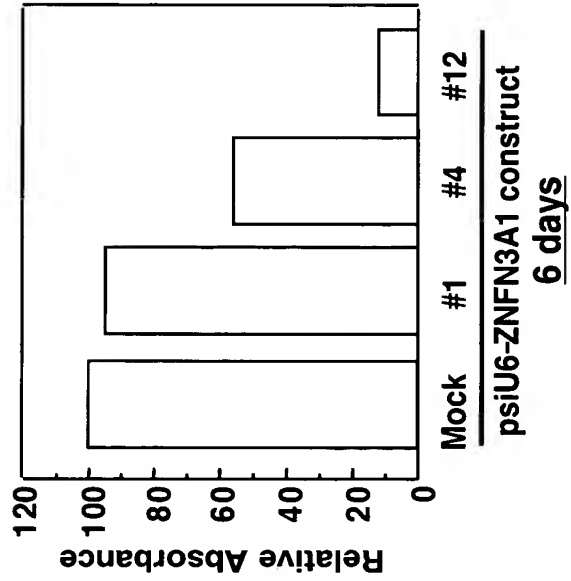


FIG. 16A

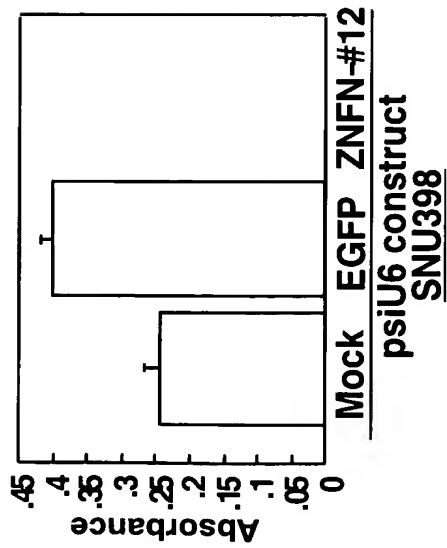


FIG. 17A

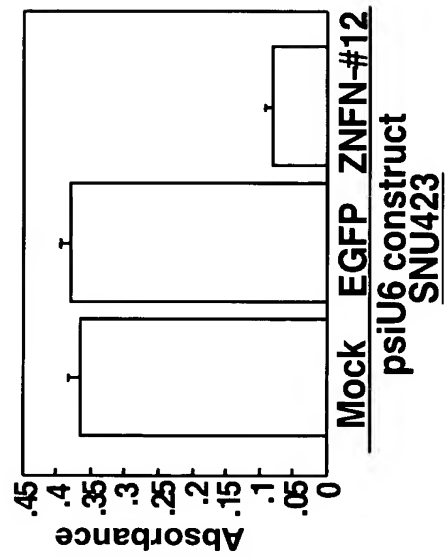


FIG. 17B

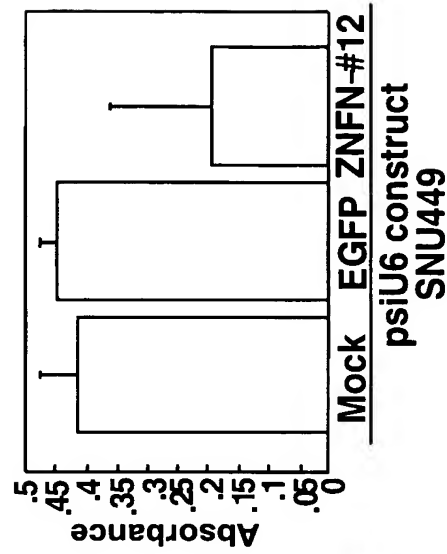


FIG. 17C

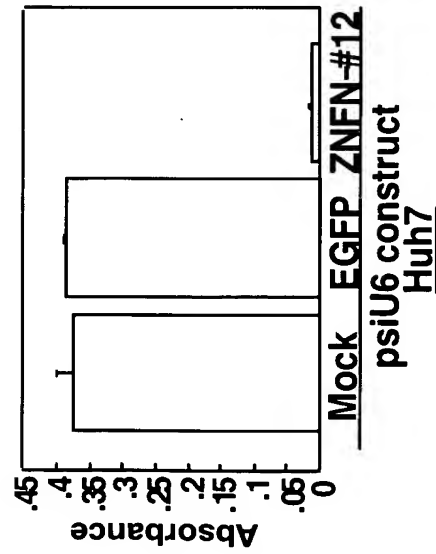


FIG. 17D

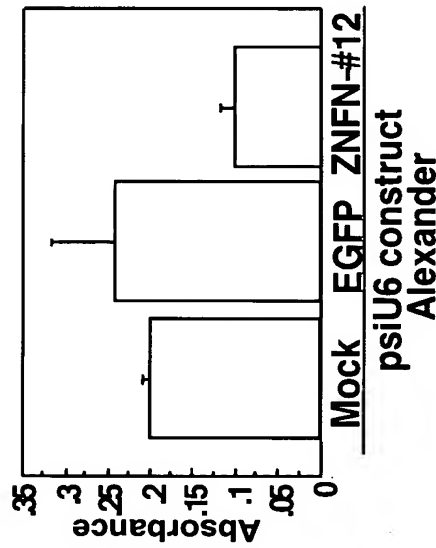


FIG. 17E

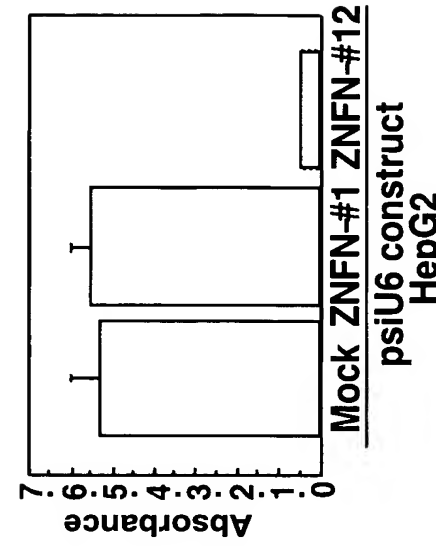


FIG. 17F

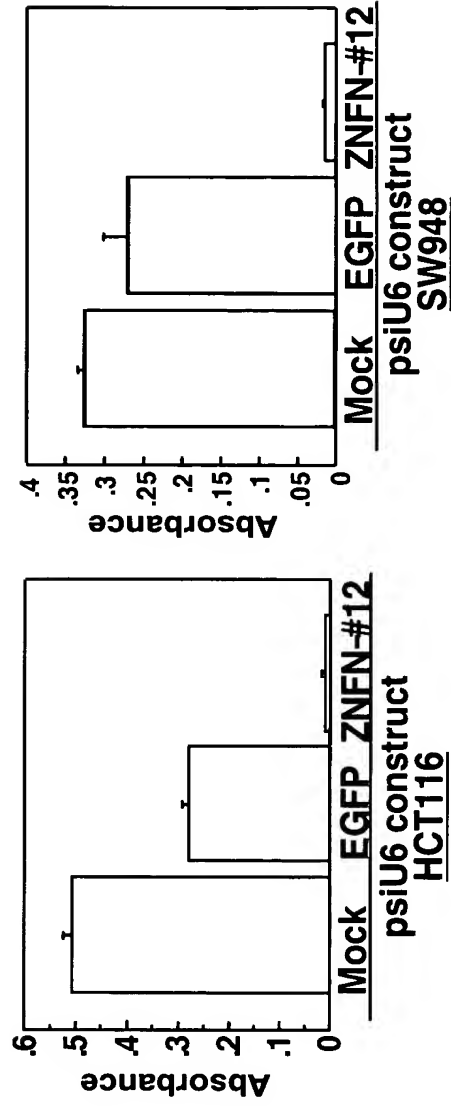
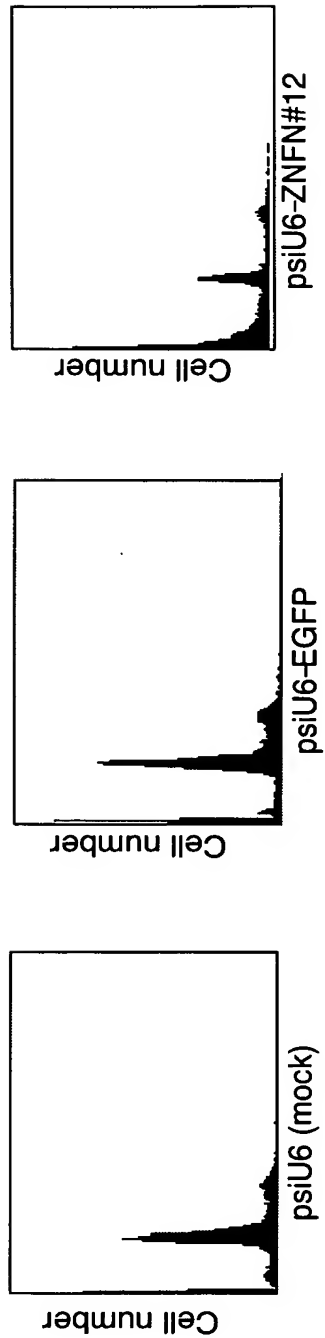


FIG. 17G

FIG. 17H



Transfected plasmids	Region (%)			
	Sub-G1	G0/G1	S	G2/M
psiU6 (Mock)	16.01	71.18	5.07	7.15
psiU6-EGFP	16.32	58.87	10.91	12.43
psiU6-ZNFN#12	62.30	26.23	4.42	6.53

FIG. 18